

- POWERED FOLD-FLAT SEAT HINGE ASSEMBLY -**ABSTRACT OF THE DISCLOSURE**

A fold-flat hinge assembly for use with a seat assembly includes an arm pivotably supported by a support member and adapted to support the seat back, as well as a gear fixedly attached to a shaft that is rotatably supported within a first slot of the support member. The shaft also includes a gear fixedly attached thereto and interfacing said arm. A blocking pin slidably supported by the support member between a first position and a second position and mechanically communicating with the shaft blocks rotation of the arm relative to the support member when in a first position. When the blocking pin is moved to a second position by the shaft interacting with the gear teeth of the arm, the arm is in rotate relative to the support member.